



Manufacturers' Shipments, Inventories, and Orders

SEPTEMBER 1984

U.S. Department of Commerce
BUREAU OF THE CENSUS

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(All figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in September declined \$3.6 billion or 1.8 percent from August to \$189.0 billion. New orders for durable goods more than accounted for the decline, dropping \$3.9 billion or 3.8 percent. Excluding a large decrease in the defense capital goods sector and in the motor vehicle industry which is usually volatile during the third quarter, orders for durable goods were about the same as August. The nondurable goods sector showed a \$0.3 billion or 0.4 percent increase.

Shipments of manufactured goods declined \$2.4 billion or 1.2 percent to \$189.6 billion. A decline in the motor vehicle industry of \$2.5 billion or 14.4 percent accounted for the drop. Without motor vehicles, both the durable and nondurable sectors were about unchanged from August.

Unfilled orders for manufactured goods declined \$0.6 billion or 0.2 percent to \$359.0 billion. This is the first decline since the recession low in November 1982 of \$293.1 billion, except for a 0.1 percent decrease in February 1983. The rate of increase in unfilled orders had been diminishing since June, however.

The book value of manufacturers' inventories increased \$1.7 billion or 0.6 percent from August to \$285.2 billion. This is the smallest one month percentage increase since manufacturers began rebuilding their inventories in February. Following the recession, the value of inventories declined to a low of \$257.7 billion in July 1983, then stayed at about the \$260 billion level through January 1984.

The inventory to shipments ratio in September was 1.50, up from 1.48 in August and from the low last December of 1.40.

NEW ORDERS. New orders for durable goods in September declined \$3.9 billion or 3.8 percent to \$98.1 billion. Most of the decline occurred in the transportation equipment industry; the motor vehicle industry and defense orders for aircraft and shipbuilding also showed large declines. Primary metals orders were down \$1.1 billion or 9.9 percent to \$10.1 billion. Steel accounted for \$0.7 billion, dropping 14.8 percent to \$4.0 billion; and nonferrous metals \$0.3 billion, declining 6.2 percent to \$4.9 billion. Both steel and nonferrous metals reached highs last November and have

since averaged 2.0 percent and 1.8 percent declines per month respectively, although the monthly movements were substantially more volatile.

Machinery orders increased in September \$0.7 billion or 2.1 percent to \$34.7 billion, with both the electrical and nonelectrical categories going up. This is the first increase in nonelectrical orders since May.

SHIPMENTS. Durable goods shipments declined \$2.4 billion or 2.4 percent to \$98.7 billion. Declines in transportation equipment and primary metals were partially offset by an increase in machinery shipments.

Nondurable goods shipments were unchanged from August at \$91.0 billion. Large increases in petroleum products of \$0.9 billion or 5.5 percent and foods of \$0.3 billion or 1.3 percent were offset by declines in most of the other nondurables, the largest of which was a \$0.6 billion or 3.3 percent decline in chemicals.

UNFILLED ORDERS. The decline in unfilled orders in September reflected decreases in transportation equipment and primary metals. Partially offsetting those declines was a small increase in machinery to \$145.0 billion. Unfilled orders for machinery have been increasing at the rate of 1.4 percent per month since February 1983, when they were valued at \$115.2 billion.

INVENTORIES. The increase in inventories in September of \$1.7 billion was virtually all in the durable goods sector. Transportation was up \$0.7 billion, fabricated metals \$0.4 billion, and machinery \$0.3 billion. Nondurable inventories were nearly unchanged from August, as an increase in chemicals was offset by a decline in foods.

Within the durable goods sector the 0.8 percent inventory increase was fairly evenly distributed across the three stages of fabrication, while in the nondurable goods sector a decline in work in process of 2.5 percent was offset by increases in materials and supplies of 0.5 percent and finished goods of 0.6 percent.

SCHEDULED RELEASE DATES. The advance report on durable goods for October is scheduled for release on November 21, 1984 at 8:30 A.M. and the full report on December 4, 1984 at 10:00 A.M.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100 or (301) 763-2502.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		Sept. 1984 ^P	Aug. 1984 ^F	July 1984	June 1984	Aug.-Sept.	July-Aug.	June-July	Sept. 1984 ^P	Aug. 1984 ^F	July 1984	June 1984	1984 ^P	1983
	All manufacturing industries	189,606	192,006	190,658	190,401	-1.2	+0.7	+0.1	198,606	188,646	175,607	201,941	1,698,874	1,505,273
	Manufacturing industries with unfilled orders.....	101,686	102,431	101,133	101,832	-0.7	+1.3	-0.7	106,880	100,370	91,819	108,123	896,623	770,588
	Durable goods industries.....	98,651	101,035	98,390	99,042	-2.4	+2.7	-0.7	103,305	96,864	88,455	106,969	880,021	744,863
	With unfilled orders.....	81,302	81,661	80,325	81,124	-0.4	+1.7	-1.0	85,477	79,286	72,543	87,008	713,940	608,193
32	Stone, clay, and glass products.....	4,459	4,719	4,575	4,495	-5.5	+3.1	+1.8	4,860	4,981	4,526	4,923	41,184	36,504
322	Glass containers.....	373	397	394	361	-6.0	+0.8	+9.1	387	420	389	407	3,538	3,760
33	Primary metals.....	10,537	11,608	11,364	11,488	-9.2	+2.1	-1.1	10,752	11,183	10,321	12,215	102,386	85,771
331	Basic furnaces, steel mills...	4,501	4,848	4,913	4,906	-7.2	-1.3	+0.1	4,478	4,663	4,436	5,264	43,250	35,031
333-9	Nonferrous and other primary metals.....	4,769	5,375	5,175	5,349	-11.3	+3.9	-3.3	4,998	5,182	4,786	5,595	47,672	42,060
34	Fabricated metal products.....	11,499	11,555	11,459	11,145	-0.5	+0.8	+2.8	12,023	11,612	10,531	12,017	101,391	88,818
341	Metal cans, barrels, and drums.....	865	938	976	964	-7.8	-3.9	+1.2	977	1,099	1,050	1,072	8,544	8,771
35	Machinery, except electrical....	18,347	17,307	17,292	17,821	+6.0	+0.1	-3.0	19,112	16,249	15,588	19,529	154,459	129,581
351	Engines and turbines.....	1,359	1,107	1,249	1,273	+22.8	-11.4	-1.9	1,402	1,034	1,096	1,399	11,224	8,939
352	Farm machinery and equipment..	874	749	771	848	+16.7	-2.9	-9.1	893	663	645	936	8,066	7,917
353	Construction, mining, and material handling equipment..	2,923	2,575	2,859	2,985	+13.5	-9.9	-4.2	2,990	2,467	2,744	3,194	24,416	20,644
354	Metalworking machinery.....	959	840	833	777	+14.2	+0.8	+7.2	1,007	775	726	855	7,358	5,812
356	General industrial machinery....	1,477	1,457	1,426	1,334	+1.4	+2.2	+6.9	1,503	1,427	1,302	1,443	12,503	10,800
357	Office and computing machines..	4,932	4,587	4,329	4,790	+7.5	+6.0	-9.6	5,435	4,344	3,684	5,273	38,363	32,553
36	Electrical machinery.....	15,746	15,422	15,223	15,435	+2.1	+1.3	-1.4	16,696	14,975	13,668	16,510	134,811	113,561
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,204	2,008	2,100	2,048	+9.8	-4.4	+2.5	2,331	1,949	1,823	2,207	18,414	16,170
363	Household appliances.....	1,432	1,448	1,508	1,598	-1.1	-4.0	-5.6	1,565	1,510	1,450	1,733	13,205	11,238
365	Radio and TV.....	841	881	930	779	-4.5	-5.3	+19.4	1,009	846	750	910	7,501	6,174
366	Communication equipment.....	4,784	4,672	4,360	4,689	+2.4	+7.2	-7.0	4,879	4,441	3,980	5,041	40,030	35,158
367	Electronic components.....	4,003	3,940	3,814	3,919	+1.6	+3.3	-2.7	4,227	3,845	3,478	4,107	33,756	25,758
37	Transportation equipment.....	23,219	25,496	23,576	23,627	-8.9	+8.1	-0.2	23,794	22,401	20,091	25,824	212,739	173,983
371	Motor vehicles and parts.....	14,854	17,358	15,722	15,324	-14.4	+10.4	+2.6	15,122	14,927	12,855	17,058	142,915	108,775
372,6	Aircraft, missiles, and parts..	6,752	6,482	6,239	6,584	+4.2	+3.9	-5.2	7,066	5,946	5,708	6,972	54,909	52,122
3731,95	Shipbuilding and military tank vehicles.....	878	887	833	895	-1.0	+6.5	-6.9	903	832	830	936	7,656	7,435
38	Instruments and related products	4,882	4,746	4,883	4,774	+2.9	-2.8	+2.3	5,217	4,668	4,386	5,122	41,962	36,483
381-4	Scientific and engineering instruments.....	2,996	2,896	2,987	2,779	+3.5	-3.0	+7.5	3,179	2,815	2,629	2,957	25,077	21,518
386	Photographic goods.....	1,697	1,663	1,668	1,786	+2.0	-0.3	-6.6	1,826	1,657	1,553	1,947	15,060	13,203
24,25,39	All other durable goods.....	9,962	10,182	10,018	10,257	-2.2	+1.6	-2.3	10,851	10,795	9,344	10,829	91,089	80,162
	Nondurable goods industries.....	90,955	90,971	92,268	91,359	0.0	-1.4	+1.0	95,301	91,782	87,152	94,972	818,853	760,410
	With unfilled orders.....	20,384	20,770	20,808	20,708	-1.9	-0.2	+0.5	21,403	21,084	19,276	21,115	182,683	162,395
20	Food and kindred products.....	24,579	24,255	25,202	24,409	+1.3	-3.8	+3.2	26,224	24,418	23,700	25,408	221,089	213,517
201	Meat products.....	5,691	5,819	5,814	5,869	-2.2	+0.1	-0.9	5,958	6,046	5,628	5,980	52,329	49,752
208	Beverages.....	3,657	3,645	3,780	3,725	+0.3	-3.6	+1.5	3,671	3,882	3,965	4,220	32,914	31,915
207	Fats and oils.....	1,152	1,235	1,329	1,414	-6.7	-7.1	-6.0	1,177	1,203	1,235	1,397	11,978	12,065
203-6,9	All other foods.....	10,854	10,384	11,202	10,197	+4.5	-7.3	+9.9	12,113	10,134	9,779	10,472	94,882	91,116
21	Tobacco products.....	1,470	1,444	1,295	1,566	+1.8	+11.5	-17.3	1,571	1,494	1,291	1,641	12,479	10,940
22	Textile mill products.....	4,573	4,588	4,520	4,595	-0.3	+1.5	-1.6	4,884	4,730	3,856	4,995	42,080	38,442
26	Paper and allied products.....	7,924	7,995	8,201	8,189	-0.9	-2.5	+0.1	8,137	8,167	7,706	8,546	72,181	63,263
261-3,6	Pulp, paper etc.....	3,390	3,496	3,545	3,508	-3.0	-1.4	+1.1	3,442	3,512	3,307	3,688	31,281	26,920
265	Paperboard containers.....	1,796	1,853	1,863	1,807	-3.1	-0.5	+3.1	1,866	1,886	1,748	1,875	16,274	14,108
264	All other paper products.....	2,738	2,646	2,793	2,874	+3.5	-5.3	-2.8	2,829	2,769	2,651	2,983	24,626	22,235
28	Chemicals and allied products...	17,449	18,048	18,172	17,901	-3.3	-0.7	+1.5	18,199	17,359	16,487	19,045	160,565	141,156
281,6	Industrial chemicals, except pigments.....	5,615	5,932	5,837	5,710	-5.3	+1.6	+2.2	5,699	5,736	5,435	6,036	51,644	43,678
283,4	Drugs, soaps, and toiletries....	4,398	4,629	4,522	4,743	-5.0	+2.4	-4.7	5,198	4,550	4,074	5,027	40,163	37,589
29	Petroleum and coal products....	17,269	16,362	16,537	16,541	+5.5	-1.1	0.0	17,370	16,469	16,471	17,044	148,716	142,760
30	Rubber and plastics products....	4,197	4,304	4,407	4,352	-2.5	-2.3	+1.3	4,348	4,445	4,194	4,682	39,374	37,351
23,27,31	All other nondurable goods.....	13,494	13,975	13,934	13,806	-3.4	+0.3	+0.9	14,568	14,700	13,447	13,611	122,369	112,981
	Market categories:													
	Home goods and apparel.....	12,567	12,877	13,116	13,202	-2.4	-1.8	-0.7	14,129	14,024	12,082	13,608	116,892	106,804
	Consumer staples.....	33,640	33,658	34,295	33,798	-0.1	-1.9	+1.5	36,246	33,737	32,320	35,147	300,607	284,310
	Equipment and defense products, except automotive.....	29,767	28,244	27,841	28,829	+5.4	+1.4	-3.4	31,148	26,756	25,201	31,154	247,002	216,056
	Automotive equipment.....	16,749	19,267	17,719	17,404	-13.1	+8.7	+1.8	17,104	16,913	14,799	19,298	161,544	125,503
	Construction materials, supplies and intermediate products.....	14,822	14,887	14,542	14,444	-0.4	+2.4	+0.7	15,855	15,710	14,403	15,802	131,080	116,403
	Other materials, supplies, and intermediate products.....	82,061	83,073	83,145	82,724	-1.2	-0.1	+0.5	84,124	81,506	76,802	86,932	741,749	656,197
	Supplementary series: ²													
	Capital goods industries.....	33,787	32,177	31,852	32,869	+5.0	+1.0	-3.1	35,340	30,301	28,815	35,436	281,631	245,326
	Nondefense.....	27,652	26,048	25,859	26,892	+6.2	+0.7	-3.8	28,952	24,475	23,189	29,222	228,961	197,699
	Defense.....	6,135	6,129	5,993	5,977	+0.1	+2.3	+0.3	6,388	5,826	5,626	6,214	52,670	47,627
	Household durable goods industries.....	6,167	6,264	6,424	6,506	-1.5	-2.5	-1.3	7,027	6,567	5,591	6,767	55,453	47,328

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

SIC Code	Industry	(Millions of dollars)														
		Seasonally adjusted									Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date			
		Sept. 1984 ^P	Aug. 1984 ^T	July 1984	June 1984	Aug.- Sept. ^P	July- Aug. ^T	June- July	Sept. 1984 ^P	Aug. 1984 ^T	July 1984	June 1984	1984 ^P	1983		
	All manufacturing industries	189,016	192,578	194,037	190,620	-1.8	-0.8	+1.8	196,744	187,247	177,480	199,212	1,725,124	1,523,726		
	Manufacturing industries with unfilled orders.....	101,096	103,003	104,512	102,051	-1.9	-1.4	+2.4	105,018	98,971	93,692	105,394	922,873	789,041		
	Durable goods industries.....	98,111	102,015	101,704	99,171	-3.8	+0.3	+2.6	101,585	95,892	90,211	104,411	906,386	761,412		
	With unfilled orders.....	80,762	82,641	83,639	81,253	-2.3	-1.2	+2.9	83,757	78,314	74,299	84,450	740,305	624,742		
32	Stone, clay, and glass products.	4,456	4,815	4,596	4,417	-7.5	+4.8	+4.1	4,810	5,016	4,577	4,824	41,668	36,860		
33	Primary metals.....	10,135	11,245	11,183	10,155	-9.9	+0.6	+10.1	9,932	10,771	10,077	10,298	101,286	89,582		
331	Blast furnaces, steel mills...	4,014	4,714	4,576	3,877	-14.8	+3.0	+18.0	3,850	4,460	4,104	3,863	41,678	37,199		
333-9	Nonferrous and other primary metals.....	4,877	5,197	5,203	4,913	-6.2	-0.1	+5.9	4,891	5,014	4,691	5,027	47,533	43,494		
34	Fabricated metal products.....	11,887	12,034	11,024	11,084	-1.2	+9.2	-0.5	12,378	11,900	10,229	12,033	102,953	88,424		
35	Machinery, except electrical....	17,947	17,549	18,149	18,512	+2.3	-3.3	-2.0	18,301	15,956	15,991	19,932	159,027	129,797		
351	Engines and turbines.....	1,292	1,268	2,126	1,456	+1.9	-40.4	+46.0	1,325	1,232	1,992	1,393	11,768	8,017		
353	Construction, mining, and material handling equipment..	2,936	2,452	2,901	2,975	+19.7	-15.5	-2.5	2,972	2,276	2,806	3,166	24,823	20,570		
354	Metalworking machinery.....	1,128	960	1,193	825	+17.5	-19.5	+44.6	1,103	955	1,122	905	8,483	5,770		
356	General industrial machinery..	1,419	1,484	1,399	1,466	-4.4	+6.1	-4.6	1,391	1,435	1,303	1,509	12,594	10,423		
357	Office and computing machines.	4,750	4,640	3,818	5,108	+2.4	+21.5	-25.3	5,057	3,749	2,756	5,759	39,823	33,764		
36	Electrical machinery.....	16,718	16,403	16,267	15,988	+1.9	+0.8	+1.7	17,058	16,167	14,359	16,630	146,383	120,490		
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	2,006	2,126	1,992	1,957	-5.6	+6.7	+1.8	2,109	2,051	1,725	2,063	18,227	16,166		
363	Household appliances.....	1,423	1,385	1,497	1,525	+2.7	-7.5	-1.8	1,520	1,450	1,453	1,647	13,209	11,427		
365	Radio and TV.....	847	1,019	877	851	-16.9	+16.2	+3.1	923	1,246	726	1,065	8,075	6,433		
366	Communication equipment.....	5,906	6,088	4,997	5,700	-3.0	+21.8	-12.3	6,074	5,873	4,236	5,304	47,429	37,460		
367	Electronic components.....	3,991	3,383	4,348	3,574	+18.0	-22.2	+21.7	3,723	3,189	3,977	4,050	37,444	29,797		
37	Transportation equipment.....	21,911	25,096	25,267	24,055	-12.7	-0.7	+5.0	23,343	20,646	20,802	24,894	220,421	177,238		
372,6	Aircraft, missiles, and parts.	6,609	6,962	8,259	7,044	-5.1	-15.7	+17.2	7,364	4,983	6,891	7,028	65,297	54,625		
3731,95	Shipbuilding and military tank vehicles.....	201	357	598	923	-43.7	-40.3	-35.2	641	355	225	214	5,667	6,962		
38	Instruments and related products	4,944	4,907	4,919	4,767	+0.8	-0.2	+3.2	5,221	4,809	4,411	5,179	42,624	37,268		
39	All other durable goods.....	10,113	9,966	10,299	10,193	+1.5	-3.2	+1.0	10,542	10,627	9,765	10,621	92,024	81,753		
	Nondurable goods industries.....	90,905	90,563	92,333	91,449	+0.4	-1.9	+1.0	95,159	91,355	87,269	94,801	818,738	762,314		
	With unfilled orders.....	20,334	20,362	20,873	20,798	-0.1	-2.4	+0.4	21,261	20,657	19,393	20,944	182,568	164,299		
	Market categories:															
	Home goods and apparel.....	12,570	12,896	13,159	13,057	-2.5	-2.0	+0.8	13,709	14,215	12,299	13,401	118,102	108,133		
	Consumer staples.....	33,637	33,691	34,271	33,785	-0.2	-1.7	+1.4	36,277	33,798	32,333	35,132	300,629	284,335		
	Equipment and defense products, except automotive.....	29,898	30,375	29,857	1,046,758	-1.6	+1.7	-97.1	31,812	26,705	25,529	31,021	264,675	219,816		
	Automotive equipment.....	16,311	18,945	17,694	17,282	-13.9	+7.1	+2.4	16,676	16,644	14,948	18,997	160,718	126,630		
	Construction materials, supplies and intermediate products.....	14,875	15,144	14,384	14,435	-1.8	+5.3	-0.4	15,881	15,806	14,283	15,802	132,023	116,494		
	Other materials, supplies, and intermediate products.....	81,725	81,527	84,672	81,449	+0.2	-3.7	+4.0	82,389	80,079	78,088	84,859	748,977	668,318		
	Supplementary series: ²															
	Capital goods industries.....	34,062	34,083	34,863	35,019	-0.1	-2.2	-0.4	36,046	30,293	29,901	35,377	302,807	250,428		
	Nondefense.....	27,560	26,499	27,648	28,029	+4.0	-4.2	-1.4	28,000	24,551	24,712	29,912	241,284	195,731		
	Defense.....	6,502	7,584	7,215	6,990	-14.3	+5.1	+3.2	8,046	5,742	5,189	5,465	61,523	54,697		
	Household durable goods industries.....	6,198	6,310	6,452	6,394	-1.8	-2.2	+0.9	6,648	6,833	5,773	6,602	56,672	48,591		

^PPreliminary. ^TRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFULFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				
		Sept. 1984 ^P	Aug. 1984 ^P	July 1984	June 1984	Aug.- Sept. ^P	July- Aug. ^P	June- July	Sept. 1984 ^P	Aug. 1984 ^P	July 1984	June 1984	Sept. 1983
	All manufacturing industries..	358,975	359,564	358,990	355,625	-0.2	+0.2	+0.9	354,202	356,071	357,473	355,590	312,599
	Durable goods industries.....	348,509	349,048	348,065	344,765	-0.2	+0.3	+1.0	343,793	345,519	346,493	344,731	301,814
32	Stone, clay, and glass products...	2,456	2,459	2,363	2,342	-0.1	+4.1	+0.9	2,425	2,475	2,441	2,390	2,011
33	Primary metals.....	19,930	20,333	20,696	20,877	-2.0	-1.8	-0.9	19,209	20,029	20,441	20,686	18,629
331	Blast furnaces, steel mills.....	8,455	8,942	9,076	9,413	-5.4	-1.5	-3.6	8,117	8,745	8,949	9,281	8,765
333-9	Nonferrous and other primary metals.....	8,228	8,120	8,298	8,269	+1.3	-2.1	+0.4	7,932	8,039	8,207	8,303	7,497
34	Fabricated metal products.....	21,575	21,187	20,709	21,146	+1.8	+2.3	-2.1	21,687	21,332	21,044	21,344	20,846
35	Machinery, except electrical.....	63,791	64,191	63,949	63,095	-0.6	+0.4	+1.4	62,708	63,519	63,814	63,408	55,745
351	Engines and turbines.....	15,382	15,449	15,289	14,413	-0.4	+1.0	+6.1	15,265	15,341	15,145	14,249	14,137
353	Construction, mining, and material handling equipment....	6,168	6,155	6,277	6,235	+0.2	-1.9	+0.7	6,075	6,093	6,284	6,222	5,557
354	Metalworking machinery.....	3,488	3,320	3,200	2,841	+5.1	+3.8	+12.6	3,499	3,403	3,223	2,826	2,354
356	General industrial machinery....	4,778	4,836	4,809	4,837	-1.2	+0.6	-0.6	4,739	4,851	4,843	4,841	4,315
357	Office and computing machines...	22,184	22,366	22,313	22,823	-0.8	+0.2	-2.2	21,607	21,985	22,580	23,508	19,354
36	Electrical machinery.....	81,211	80,239	79,254	78,214	+1.2	+1.2	+1.3	80,741	80,379	79,188	78,495	66,538
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	6,070	6,268	6,149	6,258	-3.2	+1.9	-1.7	6,054	6,276	6,174	6,271	6,758
363	Household appliances.....	455	464	527	538	-1.9	-12.0	-2.0	466	511	572	569	495
365	Radio and TV.....	753	746	607	661	+0.9	+22.9	-8.2	970	1,056	656	680	665
366	Communication equipment.....	50,115	48,993	47,576	46,940	+2.3	+3.0	+1.4	49,594	48,399	46,967	46,710	40,809
367	Electronic components.....	22,335	22,348	22,904	22,370	-0.1	-2.4	+2.4	22,157	22,661	23,317	22,818	16,457
37	Transportation equipment.....	145,518	146,824	147,224	145,534	-0.9	-0.3	+1.2	143,018	143,472	145,225	144,514	125,080
372,6	Aircraft, missiles, and parts...	116,668	116,810	116,329	114,309	-0.1	+0.4	+1.8	114,717	114,421	115,383	114,200	95,852
3731,95	Shipbuilding and military tank vehicles.....	21,080	21,757	22,287	22,522	-3.1	-2.4	-1.0	20,668	20,931	21,408	22,013	22,252
38	Instruments and related products..	8,345	8,282	8,122	8,087	+0.8	+2.0	+0.4	8,314	8,311	8,169	8,145	7,761
24,25, 39	All other durable goods.....	5,683	5,533	5,748	5,470	+2.7	-3.7	+5.1	5,691	6,002	6,171	5,749	5,204
	Nondurable goods industries.....	10,466	10,516	10,925	10,860	-0.5	-3.7	+0.6	10,409	10,552	10,980	10,859	10,785
	Market categories:												
	Home goods and apparel.....	4,654	4,650	4,631	4,590	+0.1	+0.4	+0.9	4,920	5,343	5,155	4,936	4,336
	Consumer staples.....	676	679	646	670	-0.4	+5.1	-3.6	722	691	630	617	790
	Equipment and defense products, except automotive.....	218,224	218,093	215,960	213,950	+0.1	+1.0	+0.9	214,563	213,899	213,952	213,619	186,779
	Automotive equipment.....	7,102	7,540	7,863	7,888	-5.8	-4.1	-0.3	6,953	7,381	7,650	7,501	6,478
	Construction materials, supplies and intermediate products.....	12,713	12,660	12,403	12,561	+0.4	+2.1	-1.3	12,793	12,768	12,672	12,791	12,538
	Other materials, supplies, and intermediate products.....	115,606	115,942	117,487	115,966	-0.3	-1.3	+1.3	114,251	115,989	117,414	116,126	101,678
	Supplementary series: ²												
	Capital goods industries.....	262,005	261,729	259,820	256,817	+0.1	+0.7	+1.2	258,091	257,387	257,395	256,305	224,796
	Nondefense.....	136,863	136,955	136,501	134,717	-0.1	+0.3	+1.3	135,432	136,385	136,309	134,782	120,310
	Defense.....	125,142	124,774	123,319	122,100	+0.3	+1.2	+1.0	122,659	121,002	121,086	121,523	104,486
	Household durable goods industries.....	4,147	4,115	4,069	4,043	+0.8	+1.1	+0.6	4,421	4,801	4,537	4,355	3,858

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted						Not seasonally adjusted ¹					
		End of month				Percent change			End of month				
		Sept. 1984 ^p	Aug. 1984 ^c	July 1984	June 1984	Sept. - Aug. - ^p	July - Aug. - ^c	June - July	Sept. 1984 ^p	Aug. 1984 ^c	July 1984	June 1984	Sept. 1983
	All manufacturing industries..	285,184	283,525	280,019	277,481	+0.6	+1.3	+0.9	283,175	282,950	279,512	277,528	257,216
	Manufacturing industries with unfilled orders.....	196,965	195,424	192,560	190,065	+0.8	+1.5	+1.3	195,629	195,885	193,332	191,256	175,595
	Durable goods industries.....	188,725	187,142	184,559	182,452	+0.8	+1.4	+1.2	187,533	187,320	184,547	183,014	169,056
	With unfilled orders.....	173,124	171,846	169,297	167,098	+0.7	+1.5	+1.3	172,135	172,066	169,552	167,685	154,795
32	Stone, clay, and glass products...	6,031	5,923	5,878	5,360	+1.8	+0.8	+0.3	5,842	5,864	5,894	5,932	5,512
322	Glass containers.....	651	626	623	633	+4.0	+0.5	-1.6	637	630	637	641	597
33	Primary metals.....	21,376	21,302	21,158	21,150	+0.3	+0.7	0.0	21,187	21,214	21,105	20,947	19,611
331	Blast furnaces, steel mills....	10,057	10,024	9,957	9,902	+0.3	+0.7	+0.6	10,067	10,074	9,997	9,754	9,411
333-9	Nonferrous and other primary metals.....	10,080	10,002	9,900	9,942	+0.8	+1.0	-0.4	9,898	9,892	9,841	9,893	9,022
34	Fabricated metal products.....	18,736	18,326	18,394	18,547	+2.2	-0.4	-0.8	18,407	18,323	18,492	18,890	17,242
341	Metal cans, barrels, and drums..	2,067	1,818	1,940	2,061	+13.7	-6.3	-5.9	1,796	1,763	2,059	2,283	1,615
35	Machinery, except electrical.....	39,967	40,070	39,060	38,519	-0.3	+2.6	+1.4	39,709	40,006	39,174	38,730	36,928
351	Engines and turbines.....	2,290	2,407	2,334	2,257	-4.9	+3.1	+3.4	2,245	2,364	2,310	2,246	2,085
352	Farm machinery and equipment....	1,993	1,989	1,858	1,860	+0.2	+7.1	-0.1	1,945	1,969	1,847	1,925	1,996
353	Construction, mining, and material handling equipment....	6,982	7,019	6,802	6,813	-0.5	+3.2	-0.2	6,878	6,977	6,823	6,875	7,440
354	Metalworking machinery.....	2,419	2,421	2,345	2,370	-0.1	+3.2	-1.1	2,399	2,426	2,369	2,380	2,240
356	General industrial machinery....	3,472	3,550	3,566	3,542	-2.2	-0.4	+0.7	3,441	3,522	3,570	3,570	3,649
357	Office and computing machines...	11,717	11,746	11,489	11,072	-0.2	+2.2	+3.8	11,787	11,911	11,638	11,094	9,826
36	Electrical machinery.....	31,848	31,397	30,824	30,174	+1.4	+1.9	+2.2	31,625	31,483	30,955	30,567	26,993
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,432	4,483	4,417	4,368	-1.1	+1.5	+1.1	4,420	4,480	4,425	4,411	4,013
363	Household appliances.....	2,481	2,402	2,357	2,294	+3.3	+1.9	+2.7	2,345	2,358	2,378	2,420	1,715
365	Radio and TV.....	1,333	1,262	1,228	1,204	+5.6	+2.8	+2.0	1,353	1,333	1,286	1,236	1,022
366	Communication equipment.....	12,650	12,379	12,207	11,882	+2.2	+1.4	+2.7	12,579	12,379	12,199	11,877	10,784
367	Electronic components.....	6,318	6,312	6,148	6,045	+0.1	+2.7	+1.7	6,299	6,319	6,191	6,111	5,450
37	Transportation equipment.....	46,634	45,895	45,093	44,219	+1.6	+1.8	+2.0	46,648	46,068	44,641	43,703	39,729
371	Motor vehicles and parts.....	10,687	10,523	10,565	10,281	+1.6	-0.4	+2.8	10,899	10,675	10,042	9,932	8,747
372,6	Aircraft, missiles, and parts....	32,779	32,291	31,485	30,921	+1.5	+2.6	+1.8	32,615	32,390	31,652	30,820	28,078
3731,95	Shipbuilding and military tank vehicles.....	1,422	1,339	1,324	1,278	+6.2	+1.1	+3.6	1,422	1,329	1,326	1,302	1,470
38	Instruments and related products..	9,466	9,526	9,483	9,358	-0.6	+0.5	+1.3	9,415	9,556	9,549	9,543	8,899
381-4	Scientific and engineering instruments.....	6,820	6,803	6,773	6,657	+0.2	+0.4	+1.7	6,772	6,790	6,807	6,777	6,361
386	Photographic goods.....	2,068	2,143	2,140	2,127	-3.5	+0.1	+0.6	2,068	2,184	2,164	2,182	2,033
24,25, 39	All other durable goods.....	14,667	14,703	14,669	14,625	-0.2	+0.2	+0.3	14,700	14,806	14,737	14,702	14,142
	Nondurable goods industries.....	96,459	96,383	95,460	95,029	+0.1	+1.0	+0.5	95,642	95,630	94,965	94,514	88,160
	With unfilled orders.....	23,841	23,578	23,263	22,967	+1.1	+1.4	+1.3	23,944	23,819	23,780	23,571	20,800
20	Food and kindred products.....	21,653	22,285	22,039	22,071	-2.8	+1.1	-0.1	21,957	21,751	21,043	20,726	21,092
201	Meat products.....	2,238	2,295	2,345	2,279	-2.5	-2.1	+2.9	2,137	2,178	2,270	2,263	1,853
208	Beverages.....	3,512	3,590	3,560	3,538	-2.2	+0.8	+0.6	3,434	3,396	3,411	3,485	3,247
207	Fats and oils.....	1,314	1,412	1,471	1,635	-6.9	-4.0	-10.0	1,009	1,148	1,271	1,501	1,715
203-6,9	All other foods.....	12,776	13,164	12,833	12,829	-2.9	+2.6	0.0	13,580	13,177	12,217	11,649	12,618
21	Tobacco products.....	3,623	3,470	3,501	3,566	+4.4	-0.9	-1.8	3,558	3,234	3,207	3,360	4,125
22	Textile mill products.....	7,355	7,400	7,367	7,301	-0.6	+0.4	+0.9	7,166	7,344	7,377	7,385	6,643
26	Paper and allied products.....	9,602	9,425	9,353	9,203	+1.9	+0.8	+1.6	9,380	9,390	9,431	9,412	8,299
261-3,6	Pulp, paper etc.....	3,527	3,471	3,480	3,385	+1.6	-0.3	+2.8	3,459	3,480	3,473	3,425	3,172
265	Paperboard containers.....	2,648	2,559	2,531	2,481	+3.5	+1.1	+2.0	2,603	2,569	2,592	2,561	2,163
264	All other paper products.....	3,427	3,395	3,342	3,337	+0.9	+1.6	+0.1	3,318	3,341	3,366	3,426	2,964
28	Chemicals and allied products....	22,679	22,118	21,758	21,617	+2.5	+1.7	+0.7	22,077	21,911	21,672	21,452	19,045
281,6	Industrial chemicals, except pigments.....	7,252	7,135	6,958	6,868	+1.6	+2.5	+1.3	7,093	7,092	6,972	6,848	5,746
283,4	Drugs, soaps, and toiletries....	7,191	6,825	6,748	6,634	+5.4	+1.1	+1.7	7,026	6,825	6,782	6,766	6,142
29	Petroleum and coal products.....	8,812	8,889	8,858	8,892	-0.9	+0.3	-0.4	8,984	8,944	8,915	8,808	8,830
30	Rubber and plastics products.....	6,181	6,329	6,251	6,185	-2.3	+1.2	+1.1	5,996	6,147	6,212	6,271	5,535
23,27, 31	All other nondurable goods.....	16,554	16,467	16,333	16,194	+0.5	+0.8	+0.9	16,524	16,909	17,108	17,100	14,591
	Market categories:												
	Home goods and apparel.....	22,762	22,738	22,655	22,405	+0.1	+0.4	+1.1	22,526	23,044	23,294	23,428	20,263
	Consumer staples.....	34,606	34,506	34,089	33,839	+0.3	+1.2	+0.7	35,006	34,074	33,120	32,651	32,593
	Equipment and defense products, except automotive.....	81,688	81,117	79,224	77,863	+0.7	+2.4	+1.7	81,053	81,052	79,398	78,095	72,630
	Automotive equipment.....	13,075	12,936	12,889	12,621	+1.1	+0.4	+2.1	13,200	12,965	12,255	12,223	10,736
	Construction materials, supplies and intermediate products.....	19,816	19,657	19,717	19,663	+0.8	-0.3	+0.3	19,533	19,544	19,692	19,823	19,038
	Other materials, supplies, and intermediate products.....	113,237	112,571	111,445	111,090	+0.6	+1.0	+0.3	111,857	112,271	111,753	111,308	101,956
	Supplementary series: ²												
	Capital goods industries.....	93,156	92,358	90,369	88,778	+0.9	+2.2	+1.8	92,621	92,450	90,692	89,069	82,620
	Nondefense.....	71,018	71,095	69,593	68,789	-0.1	+2.2	+1.2	70,759	71,107	69,674	68,791	65,311
	Defense.....	22,138	21,263	20,776	19,989	+4.1	+2.3	+3.9	21,862	21,343	21,018	20,278	17,309
	Household durable goods industries.....	11,130	11,084	10,971	10,801	+0.4	+1.0	+1.6	11,011	11,250	11,160	11,092	9,764

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)													
SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted				
		End of month				Percent change			End of month				
		Sept. 1984 ^p	Aug. 1984 ^r	July 1984	June 1984	Aug.- Sept. ^p	July- Aug. ^r	June- July	Sept. 1984 ^p	Aug. 1984 ^r	July 1984	June 1984	Sept. 1983
MATERIALS AND SUPPLIES													
	All manufacturing industries..	94,406	93,732	92,957	91,915	+0.7	+0.8	+1.1	93,521	93,246	92,939	91,522	85,657
	Durable goods industries.....	56,573	56,089	55,339	54,420	+0.9	+1.4	+1.7	56,543	56,304	55,478	54,209	50,833
32	Stone, clay, and glass products...	1,997	1,988	1,952	1,921	+0.5	+1.8	+1.6	1,986	1,978	1,952	1,917	1,917
33	Primary metals.....	7,011	6,922	6,790	6,707	+1.3	+1.9	+1.2	7,028	6,902	6,724	6,557	6,555
34	Fabricated metal products.....	7,418	7,309	7,342	7,357	+1.5	-0.4	-0.2	7,383	7,327	7,399	7,351	6,827
35	Machinery, except electrical.....	12,074	11,876	11,695	11,185	+1.7	+1.5	+4.6	11,932	11,821	11,737	11,204	10,450
36	Electrical Machinery.....	8,528	8,479	8,336	8,199	+0.6	+1.7	+1.7	8,508	8,554	8,479	8,270	7,459
37	Transportation equipment.....	11,343	11,225	10,967	10,876	+1.1	+2.4	+0.8	11,361	11,367	10,908	10,883	9,710
38	Instruments and related products..	2,748	2,843	2,831	2,801	-3.3	+0.4	+1.1	2,766	2,833	2,830	2,808	2,562
24,25, 39	All other durable goods.....	5,454	5,447	5,426	5,374	+0.1	+0.4	+1.0	5,579	5,522	5,449	5,219	5,356
	Nondurable goods industries.....	37,833	37,643	37,618	37,495	+0.5	+0.1	+0.3	36,978	36,942	37,461	37,313	34,824
20	Food and kindred products.....	7,896	7,984	8,022	8,221	-1.1	-0.5	-2.4	7,450	7,488	7,736	7,883	7,834
21	Tobacco products.....	3,158	3,041	3,019	3,044	+3.8	+0.7	-0.8	3,021	2,835	2,806	2,932	3,603
22	Textile mill products.....	2,318	2,287	2,316	2,347	+1.4	-1.3	-1.3	2,218	2,254	2,346	2,367	2,052
26	Paper and allied products.....	4,906	4,837	4,837	4,882	+1.4	0.0	-0.9	4,884	4,847	4,889	4,926	4,236
28	Chemicals and allied products....	8,367	8,410	8,281	8,264	-0.5	+1.6	+0.2	8,317	8,403	8,344	8,189	7,353
29	Petroleum and coal products.....	2,286	2,183	2,316	2,163	+4.7	-5.7	+7.1	2,223	2,149	2,303	2,236	2,140
30	Rubber and plastics products.....	2,228	2,247	2,244	2,190	-0.8	+0.1	+2.5	2,183	2,180	2,267	2,227	1,986
23,27, 31	All other nondurable goods.....	6,674	6,654	6,583	6,384	+0.3	+1.1	+3.1	6,682	6,786	6,770	6,553	5,620
WORK IN PROCESS													
	All manufacturing industries..	101,658	101,273	99,803	99,023	+0.4	+1.5	+0.8	101,523	101,693	99,567	98,604	90,797
	Durable goods industries.....	86,805	86,034	84,765	83,863	+0.9	+1.5	+1.1	86,576	86,365	84,538	83,547	76,241
32	Stone, clay, and glass products...	805	787	774	775	+2.3	+1.7	-0.1	780	774	766	794	772
33	Primary metals.....	8,192	8,285	8,338	8,369	-1.1	-0.6	-0.4	8,187	8,393	8,416	8,300	7,386
34	Fabricated metal products.....	6,765	6,506	6,549	6,550	+4.0	-0.7	0.0	6,673	6,523	6,640	6,716	6,107
35	Machinery, except electrical.....	16,207	16,430	16,050	16,154	-1.4	+2.4	-0.6	16,146	16,452	15,900	16,037	15,153
36	Electrical Machinery.....	17,214	16,784	16,349	16,064	+2.6	+2.7	+1.8	17,087	16,832	16,385	16,170	14,150
37	Transportation equipment.....	30,196	29,745	29,165	28,416	+1.5	+2.0	+2.6	30,275	29,822	28,833	27,895	25,369
38	Instruments and related products..	3,997	3,963	3,984	3,961	+0.9	-0.5	+0.6	3,959	3,991	4,009	4,031	3,906
24,25, 39	All other durable goods.....	3,429	3,534	3,556	3,574	-3.0	-0.6	-0.5	3,469	3,578	3,589	3,604	3,398
	Nondurable goods industries.....	14,853	15,239	15,038	15,160	-2.5	+1.3	-0.8	14,947	15,328	15,029	15,057	14,556
20	Food and kindred products.....	1,752	1,881	1,776	1,737	-6.9	+5.9	+2.2	1,722	1,779	1,709	1,702	1,681
21	Tobacco products.....	202	193	255	280	+4.7	-24.3	-8.9	293	179	184	171	240
22	Textile mill products.....	2,087	2,240	2,159	2,130	-6.8	+3.8	+1.4	2,080	2,239	2,133	2,114	2,177
26	Paper and allied products.....	1,121	1,084	1,106	1,070	+3.4	-2.0	+3.4	1,129	1,114	1,112	1,111	1,064
28	Chemicals and allied products....	3,799	3,768	3,697	3,729	+0.8	+1.9	-0.9	3,773	3,765	3,688	3,725	3,334
29	Petroleum and coal products.....	1,514	1,622	1,545	1,633	-6.7	+5.0	-5.4	1,513	1,642	1,573	1,630	1,744
30	Rubber and plastics products.....	1,086	1,148	1,147	1,185	-5.4	+0.1	-3.2	1,095	1,148	1,142	1,158	1,008
23,27, 31	All other nondurable goods.....	3,292	3,303	3,353	3,396	-0.3	-1.5	-1.3	3,342	3,462	3,488	3,446	3,308
FINISHED GOODS													
	All manufacturing industries..	89,120	88,520	87,259	86,543	+0.7	+1.4	+0.8	88,131	88,011	87,006	87,402	80,762
	Durable goods industries.....	45,347	45,019	44,455	44,169	+0.7	+1.3	+0.6	44,414	44,651	44,531	45,258	41,982
32	Stone, clay, and glass products...	3,229	3,148	3,152	3,164	+2.6	-0.1	-0.4	3,076	3,112	3,176	3,221	2,826
33	Primary metals.....	6,173	6,095	6,030	6,074	+1.3	+1.1	-0.7	5,972	5,919	5,965	6,090	5,670
34	Fabricated metal products.....	4,553	4,511	4,503	4,640	+0.9	+0.2	-3.0	4,351	4,473	4,453	4,823	4,308
35	Machinery, except electrical.....	11,686	11,764	11,315	11,180	-0.7	+4.0	+1.2	11,631	11,733	11,537	11,489	11,325
36	Electrical Machinery.....	6,106	6,134	6,139	5,911	-0.5	-0.1	+3.9	6,030	6,097	6,091	6,127	5,384
37	Transportation equipment.....	5,095	4,925	4,961	4,927	+3.5	-0.7	+0.7	5,012	4,879	4,900	4,925	4,650
38	Instruments and related products..	2,721	2,720	2,668	2,596	0.0	+1.9	+2.8	2,690	2,732	2,710	2,704	2,431
24,25, 39	All other durable goods.....	5,784	5,722	5,687	5,677	+1.1	+0.6	+0.2	5,652	5,706	5,699	5,879	5,388
	Nondurable goods industries.....	43,773	43,501	42,804	42,374	+0.6	+1.6	+1.0	43,717	43,360	42,475	42,144	38,780
20	Food and kindred products.....	12,005	12,420	12,241	12,113	-3.3	+1.5	+1.1	12,785	12,484	11,598	11,141	11,577
21	Tobacco products.....	263	236	227	242	+11.4	+4.0	-6.2	244	220	217	257	282
22	Textile mill products.....	2,950	2,873	2,892	2,824	+2.7	-0.7	+2.4	2,868	2,851	2,898	2,904	2,414
26	Paper and allied products.....	3,575	3,504	3,410	3,251	+2.0	+2.8	+4.9	3,367	3,429	3,430	3,375	2,999
28	Chemicals and allied products....	10,513	9,940	9,780	9,624	+5.8	+1.6	+1.6	9,987	9,743	9,640	9,538	8,358
29	Petroleum and coal products.....	5,012	5,084	4,997	5,096	-1.4	+1.7	-1.9	5,248	5,153	5,039	4,942	4,946
30	Rubber and plastics products.....	2,867	2,934	2,860	2,810	-2.3	+2.6	+1.8	2,718	2,819	2,803	2,886	2,541
23,27, 31	All other nondurable goods.....	6,588	6,510	6,397	6,414	+1.2	+1.8	-0.3	6,500	6,661	6,850	7,101	5,663

^pPreliminary. ^rRevised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)									
SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		Sept. 1984 ^p	Aug. 1984 ^r	July 1984	June 1984	Sept. 1984 ^p	Aug. 1984 ^r	July 1984	June 1984
	All manufacturing industries.....	1.50	1.48	1.47	1.46	3.53	3.51	3.55	3.49
	Durable goods industries.....	1.91	1.85	1.88	1.84	4.29	4.27	4.33	4.25
32	Stone, clay, and glass products.....	1.35	1.26	1.28	1.30	0.60	0.57	0.57	0.57
33	Primary metals.....	2.03	1.84	1.86	1.84	1.89	1.75	1.82	1.82
34	Fabricated metal products.....	1.63	1.59	1.61	1.66	2.03	2.00	1.98	2.08
35	Machinery, except electrical.....	2.18	2.32	2.26	2.16	3.65	3.88	3.87	3.72
36	Electrical machinery.....	2.02	2.04	2.02	1.95	5.16	5.20	5.21	5.07
37	Transportation equipment.....	2.01	1.80	1.91	1.87	11.37	11.22	11.84	11.36
38	Instruments and related products.....	1.94	2.01	1.94	1.96	1.71	1.75	1.66	1.69
	Nondurable goods industries.....	1.06	1.06	1.03	1.04	0.51	0.51	0.53	0.52
20	Food and kindred products.....	0.88	0.92	0.87	0.90	(X)	(X)	(X)	(X)
21	Tobacco products.....	2.46	2.40	2.70	2.28	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.61	1.61	1.63	1.59	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products.....	1.21	1.18	1.14	1.12	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products.....	1.30	1.23	1.20	1.21	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.51 ^r	0.54	0.54	0.54	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.47	1.47	1.42	1.42	(X)	(X)	(X)	(X)

^pPreliminary. ^rRevised. (X) Not applicable. (NA) Not available.

¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)													
SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Sept. 1983	All Septs. 1979- 1983	Sept. 1983- Aug. 1984	Year ago Sept. 1983	All Septs. 1979- 1983	Sept. 1983- Aug. 1984	Year ago Sept. 1983	All Septs. 1979- 1983	Sept. 1983- Aug. 1984	Year ago Sept. 1983	All Septs. 1979- 1983	Sept. 1983- Aug. 1984
	All manufacturing industries.	0.1	0.4	0.2	0.0	0.4	0.4	0.0	0.2	0.1	0.3	0.2	0.1
	Durable goods industries	0.3	0.3	0.3	0.0	0.4	0.6	0.1	0.1	0.2	0.5	0.5	0.2
32	Stone, clay, and glass products..	0.3	0.9	0.7	0.5	1.0	0.9	0.3	1.3	1.1	0.5	0.5	0.4
33	Primary metals	0.3	0.4	0.6	0.3	0.7	1.6	0.2	0.2	0.7	0.0	0.1	0.2
34	Fabricated metal products	0.7	0.5	0.8	0.7	1.1	0.9	0.1	0.3	0.3	0.2	0.3	0.2
35	Machinery, except electrical	0.6	1.3	0.6	0.3	2.4	1.0	0.2	0.3	0.3	2.3	0.6	0.3
36	Electrical machinery	0.2	0.3	0.7	0.2	0.7	0.8	0.0	0.1	0.1	0.2	0.1	0.2
37	Transportation equipment	0.0	0.4	0.6	0.6	2.3	1.4	0.1	0.3	0.2	0.2	0.2	0.2
38	Instruments and related products..	0.3	0.5	1.0	0.4	0.7	1.1	0.1	0.4	0.5	0.0	0.3	0.4
	Nondurable goods industries	0.0	0.5	0.2	0.1	0.6	0.3	0.4	0.6	0.4	0.1	0.4	0.2
20	Food and kindred products	0.6	1.0	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.9	0.5
21	Tobacco products	0.0	0.3	0.3	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.2	0.2
22	Textile mill products	1.1	1.1	0.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.3	0.5
26	Paper and allied products	0.8	2.0	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.7	0.3
28	Chemicals and allied products ...	1.6	1.2	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3	0.5
29	Petroleum and coal products	0.4	0.6	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.7	0.5
30	Rubber and plastics products	0.4	1.2	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.0	1.2	0.3
	Capital Goods Industries:												
	Nondefense.....	0.9	0.8	0.6	0.0	1.2	0.9	0.2	0.9	0.2	1.3	0.4	0.2
	Defense.....	0.5	1.4	0.9	2.8	6.6	2.4	0.0	0.4	0.1	0.2	0.6	0.4

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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